

IN THE CLAIMS:

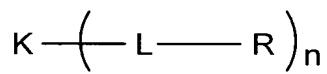
The present listing of claims replaces all prior versions, and listings of claims in the application.

1. (Currently Amended) ~~Compounds characterized in that they have A compound comprising~~ a core-shell structure comprising,

- (i) a core made up of multifunctional units, and
- (ii) a shell of linear conjugated oligomeric chains which are each having a terminal capping group kept at the terminal linkage point by a flexible nonconjugated chain,

wherein, said core-shell structure of said compound is represented by the following formula (Z),

(Z)



wherein

- K represents said core having a functionality of n,
- L represents said linear conjugated oligomeric chain,
- R represents the flexible nonconjugated chain of said terminal capping group, and is selected from the group consisting of a straight-chain or branched C₂-C₂₀-alkyl radical, a monounsaturated or polyunsaturated C₂-C₂₀-alkenyl radical, a C₂-C₂₀-alkoxy radical, a C₂-C₂₀-aralkyl radical, a C₂-C₂₀-oligoether or C₂-C₂₀-polyether radical, and a -C₁₀H₂₁ radical, and
- n is an integer greater than or equal to 3.

2. (Cancelled)

3. (Currently Amended) ~~Compounds according to The compound of Claim 1, characterized in that wherein~~ the core comprises dendritic structures.

4. (Currently Amended) Compounds according to The compound of Claim 3, characterized in that wherein the core contains 1,3,5-phenylene units as dendritic structures.

5. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein the core comprises hyperbranched structures.

6. (Currently Amended) Compounds according to The compound of Claim 5, characterized in that wherein the core contains a hyperbranched polymer as hyperbranched structure.

7. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein said linear conjugated oligomeric chains of the shell contains chains comprising units of contain residues selected from the group consisting of substituted 2,5-thiophenes, or unsubstituted 2,5-thiophenes, or substituted 1,4-phenylenes or and unsubstituted 1,4-phenylenes as linear conjugated oligomeric chains.

8. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein said linear oligomeric chains of the shell contains chains comprising units contain residues selected from the group consisting of unsubstituted 2,5-thiophene or and 2,5-(3,4-ethylenedioxythiophene) as linear conjugated oligomeric chains.

9. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein the linear conjugated oligomeric chains are chains having have a chain length of from 2 to 7 units.

10 - 11. (Cancelled)

12. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein the C₂-C₂₀-alkyl radicals are selected from the CH-7771 -4-

group consisting of n-hexyl, n-decyl and n-dodecyl radicals, and the C₂-C₂₀-alkoxy radicals or alkoxy groups are selected from the group consisting of n-hexyl, n-decyl or n-dodecyl groups alkoxy radicals.

13. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein they said compound forms mesophases at temperatures in the range from 50°C to 300°C.

14. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein they said compound is are semiconductive.

15. (Currently Amended) Compounds according to The compound of Claim 1, characterized in that wherein they said compound have has a mobilities mobility value of at least 10⁻⁴ cm² / Vs.

16-21. (Cancelled)

22. (Currently Amended) An Electronic electronic component[[s]] comprising the compound[[s]] according to of Claim 1 as a semiconductor[[s]].

23. (New) The compound of Claim 1 wherein R is selected from the group consisting of C₂-C₂₀-polyether radical and -C₁₀H₂₁ radical.